

STATUS OF THE CLAIMS:

The following is the status of the claims of the above-captioned application, as amended.

Claim 47 (Previously presented). A method of killing or inhibiting the growth of microorganisms, comprising contacting the microorganisms with a composition comprising (a) a haloperoxidase at a concentration in the range of 0.01-100 mM mg enzyme protein per liter, (b) a hydrogen peroxide source at a concentration in the range of 0.01-1000 mM, (c) a halide source at a concentration in the range of 0.01-1000 mM, and (d) a salt of NH_4^+ at a concentration in the range of 0.01-1000 mM.

Claim 48 (Previously presented). The method of claim 47, wherein the concentration of the haloperoxidase is in the range of 0.05-50 mM mg enzyme protein per liter, the concentration of the halide source is 0.05-500 mM, and the concentration of the salt of NH_4^+ is 0.05-500 mM.

Claim 49 (Previously presented). The method of claim 47, wherein the haloperoxidase is a vanadium haloperoxidase.

Claim 50 (Previously presented). The method of claim 47, wherein the haloperoxidase is a chloride peroxidase or a bromide peroxidase.

Claim 51 (Previously presented). The method of claim 47, wherein the source of hydrogen peroxide is hydrogen peroxide, a hydrogen peroxide precursor, a hydrogen peroxide generating enzyme system, or a peroxycarboxylic acid or a salt thereof.

Claim 52 (Previously presented). The method of claim 47, wherein the halide source is a halide salt.

Claim 53 (Previously presented). The method of claim 52, wherein the halide source is potassium bromide, potassium chloride, potassium iodide, sodium bromide, sodium chloride, or sodium iodide.

Claim 54 (Previously presented). The method of claim 47, wherein the salt of NH_4^+ is diammonium sulphate, ammonium chloride, ammonium bromide, or ammonium iodide.

Claim 55 (Previously presented). The method of claim 47, wherein the halide source is sodium chloride and the ammonium salt is diammonium sulphate.

Claim 56 (Previously presented). The method of claim 47, wherein the halide source and the salt of NH_4^+ are the same.

Claim 57 (Previously presented). The method of claim 47, wherein said composition is an aqueous composition.

Claim 58 (Previously presented). The method of claim 47, wherein the composition is a granulate.